

DANIEL EDUARDO COBOS AYALA

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ABOUT ME

Software Developer with experience building scalable, maintainable systems across frontend and backend. Strong focus on clean architecture, long-term sustainability, and translating complex requirements into well-structured solutions.

Hands-on experience working in multidisciplinary teams, delivering under tight deadlines, and contributing across the full development lifecycle, from design to deployment and optimization. Known for clear communication, ownership, and a pragmatic problem-solving approach.

EDUCATION

B.Sc. in Systems Engineering, Universidad Industrial de Santander

2019 - 2025

PROFESSIONAL EXPERIENCE

Software Developer | Universidad Industrial de Santander

Mar 2025 – Present

- Contributed to UISARD, a centralized system supporting students, providers, and internal operations.
- Developed and enhanced modules using Angular and TypeScript, improving usability and coverage.
- Diagnosed and fixed issues across modules, increasing system stability and reliability.
- Implemented identity linking between Informix and Oracle databases, unifying user credentials and permissions across both platforms.

Frontend Developer | La Unión Temporal Convivencia y Seguridad 2026

Feb 2026 – Jul 2026

- Contributed to SNCPV, a government platform developed for Colombia's Ministry of Interior.
- Rebuilt the conflict module migrating from event-based to date-range definitions with multi-step analytical flows.
- Reworked the dialogue table model to associate tables with individual events, propagating changes across interconnected modules.

Software Developer | Nuwebs

Feb 2025 – May 2026

- Contributed to Diagnoodle, a clinical management platform, across frontend (Nuxt) and backend (Laravel).
- Delivered full-stack features end-to-end, from requirements to deployment, ensuring maintainability.
- Supported the migration of legacy systems toward a maintainable and scalable architecture.

Support Engineer | Nuwebs

Oct 2024 – Feb 2025

- Supported Diagnoodle in production, maintaining high availability and ensuring continuity of operations.
- Investigated and resolved issues across the stack, reducing downtime and improving system reliability.

Software Developer | Universidad Industrial de Santander

Aug 2024 – Nov 2024

- Contributed to SNCPV, a government platform developed for Colombia's Ministry of Interior.
- Built the conflict and dialogue table modules for structured management of social conflict situations nationwide.
- Implemented the situation feed, a real-time update stream for field reporters to send messages, photos, and situation alerts.

CERTIFICATIONS

- [AWS Cloud Technical Essentials — AWS](#)
- [Designing User Interfaces and Experiences — IBM](#)
- [Foundations of Project Management — Google](#)
- [Cybersecurity: Defending Against Digital Dark Arts — Google](#)
- [Front-End Development — IBM](#)
- [Angular — Udemy](#)

SKILLS

Languages Spanish (Native), English (C1 — IELTS 7.5)

Frontend Angular, Vue.js, TypeScript · Responsive UI · Component-based design

Backend NestJS, Laravel, PHP · REST API design · Scalable service architecture

Engineering System Design · Maintainability · Performance optimization · Clean architecture

Soft Skills Problem Solving · Ownership · Adaptability · Team Collaboration · Critical Thinking · Communication